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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000403

A. CLASSIFICATION OF SUBJECT MATTER																						
Int. Cl. 7: G06T 5/40, A61B 5/055																						
According to International Patent Classification (IPC) or to both national classification and IPC																						
B. FIELDS SEARCHED																						
Minimum documentation searched (classification system followed by classification symbols)																						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI, PCT, USPTO, IEEE, PubMed (threshold, binarize, histogram, frequency distribution, region of interest, roi, empirical, experimental, etc.)																						
C. DOCUMENTS CONSIDERED TO BE RELEVANT																						
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																				
A	Y. Xia et al, <i>Knowledge-Driven Automated Extraction of the Human Cerebral Ventricular System from MR Images</i> Information Processing in Medical Imaging, pp. 270-81, September 2003	1-19																				
A	J. -S. Lee et al, <i>Threshold Selection Using Estimates from Truncated Normal Distribution</i> IEEE Transactions on Systems, Man and Cybernetics, 19(2), pp 422-9, 1989	1-19																				
A	WO 1995/014966-A1 (ARCH DEVELOPMENT CORPORATION), 1 June 1995 the whole document	1-19																				
A	US 6,118,892 A (WILLIAMS), 12 September 2000 the whole document	1-19																				
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C		<input checked="" type="checkbox"/> See patent family annex																				
<p>* Special categories of cited documents:</p> <table> <tbody> <tr> <td>"A"</td> <td>document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E"</td> <td>earlier application or patent but published on or after the international filing date</td> <td>"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L"</td> <td>document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O"</td> <td>document referring to an oral disclosure, use, exhibition or other means</td> <td>"&amp;"</td> <td>document member of the same patent family</td> </tr> <tr> <td>"P"</td> <td>document published prior to the international filing date but later than the priority date claimed</td> <td></td> <td></td> </tr> </tbody> </table>			"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family	"P"	document published prior to the international filing date but later than the priority date claimed		
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family																			
"P"	document published prior to the international filing date but later than the priority date claimed																					
Date of the actual completion of the international search 17 February 2005	Date of mailing of the international search report 01 MAR 2005																					
Name and mailing address of the ISA/AU  AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer  MATTHEW HOLLINGWORTH Telephone No : (02) 6283 2024																					

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2004/000403

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,657,362 A (GIGER et al), 12 August 1997 the whole document	1-19
A	US 5,262,945 A (DECARLI et al), 16 November 1993 the whole document	1-19
A	WO 2003/003303 A2 (COVENTRY UNIVERSITY), 9 January 2003 the whole document	1-19

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INTERNATIONAL SEARCH REPORT  
Information on patent family members

International application No.  
PCT/SG2004/000403

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
WO	9514966	AU	12103/95	CA	2177477	EP	0731959
		EP	1035508	US	5452367		
US	6118892	CA	2349224	EP	1131776	WO	0032016
US	5657362	AU	51701/96	CA	2188394	EP	0757544
		JP	2004032684	WO	9625879		
US	5262945	NONE					
WO	03003303	CA	2468456	EP	1399888	US	2004258305

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX